



Declaration of Conformity

For the following equipment :

Product Name: DC-DC CONVERTER

MDSwx-yzzzN (w=01, 02; x=L, M, N, P; y=03, 05,12,15; zzz=0~9,A~Z or blank)

Model Designation: MDDwx-yzzzN (w=01, 02; x=L, M, N, K; y=03,05,09,12,15; zzz=0~9,A~Z or blank)

is herewith confirmed to comply with the requirements set out in the Council Directive, the following standards were applied :

RoHS Directive (2011/65/EU)、(EU)2015/863

Low Voltage Directive (2014/35/EU) :

The products applicative voltage is under 75VDC of LVD minimum adopted voltage.

Electromagnetic Compatibility Directive (2014/30/EU) :

EMI (Electro-Magnetic Interference)

Radiated emission

EN 55032:2015/A11:2020 Class B

EN 55011:2016/A1:2017,Group 1 Class B

Harmonic current EN IEC 61000-3-2:2019 Class A

Voltage flicker EN 61000-3-3:2013/A1:2019 Refer to 6.5.1

EMS (Electro-Magnetic Susceptibility)

EN 55035:2017 EN 60601-1-2:2015

ESD air EN 61000-4-2:2009 Level 3 8KV

ESD contact EN 61000-4-2:2009 Level 2 4KV

RF field susceptibility EN 61000-4-3:2006+A1:2008+A2:2010 Level 2 3V/m

EFT bursts EN 61000-4-4:2012 Level 1 0.5KV/5KHz

Surge susceptibility EN 61000-4-5:2014/A1:2017 Level 2 0.5KV/Line to Ground

Conducted susceptibility EN 61000-4-6:2014/AC:2015 Level 2 3Vrms

Magnetic field immunity EN 61000-4-8:2010 Level 1 1A/m

Note:

A component power supply with load will be installed into final equipment which consists of an electronically shielded metal enclosure. Since EMC performance will be affected by the complete installation, the final equipment manufacturers must re-qualify EMC Directive on the complete installation again.

For guidance on how to perform these EMC tests, please refer to TDF (Technical Documentation File).

This Declaration is effective from serial number 2410

Person responsible for marking this declaration :

MEAN WELL Enterprises Co., Ltd.

(Manufacturer Name)

No.28, Wuquan 3rd Rd., Wugu Dist., New Taipei City 24891, Taiwan

(Manufacturer Address)

Alex Tsai /Director, Marketing Department :

(Name /
(Signature)

Position)

Taiwan

(Place)

Mar.14th.2024

(Date)